

A

37
56

WHAT IS CLAIMED IS:

SUB C17
Sub A1

1. A zinc finger binds to a target subsite wherein amino acids -1 through +6 of the zinc finger and the nucleotide sequence of the target subsite are as specified in Table 6.

2. A zinc finger according to claim 1 wherein amino acids -1 through +6 of the zinc finger have the sequence DXSNXXR and the nucleotide sequence of the target subsite is GAC.

3. A zinc finger according to claim 1 wherein amino acids -1 through +6 of the zinc finger have the sequence RX(D/S)NXXR and the nucleotide sequence of the target subsite is GAG.

4. A zinc finger according to claim 1 wherein amino acids -1 through +6 of the zinc finger have the sequence TXGNXXR and the nucleotide sequence of the target subsite is GAT.

5. A zinc finger according to claim 1 wherein amino acids -1 through +6 of the zinc finger have the sequence (Q/T)XSNXXR and the nucleotide sequence of the target subsite is GAT.

6. A zinc finger according to claim 1 wherein amino acids -1 through +6 of the zinc finger have the sequence QXG(S/D)XXR and the nucleotide sequence of the target subsite is GCA.

7. A zinc finger according to claim 1 wherein amino acids -1 through +6 of the zinc finger have the sequence RXDEXXR and the nucleotide sequence of the target subsite is GCG.

8. A zinc finger according to claim 1 wherein amino acids -1 through +6 of the zinc finger have the sequence QXDSXXR and the nucleotide sequence of the target subsite is GCT.

